

**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**  
(Includes Reference to Provisional and PCT International Applications)

Attorney's Docket No.

032908-008

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Method to Harden Shallow Trench Isolation Against Total Ionizing Dose Radiation

the specification of which (check only one item below):

☒ is attached hereto.

☐ was filed as United States application

Number \_\_\_\_\_

on \_\_\_\_\_

and was amended

on \_\_\_\_\_ (if applicable).

☐ was filed as PCT international application

Number \_\_\_\_\_

on \_\_\_\_\_

and was amended

on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(e) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119:**

COUNTRY (If PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. §119
			Yes No
			Yes No
			Yes No
			Yes No
			Yes No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

60/146,895

(Application Number)

2 August 1999

(Filing Date)

(Application Number)

(Filing Date)

032908-008

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. § 120:

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

Gerald F. Swiss	30,113
Michael J. Ure	33,089
Charles P. Wieland III	33,096
Bruce T. Wieder	33,815
Todd R. Walters	34,040
Ronni S. Jillions	31,979
Harold R. Brown III	36,341
Allen R. Baum	36,086
Steven M. du Bois	35,023
Brian P. O'Shaughnessy	32,747
Kenneth B. Leffler	36,075
Fred W. Hathaway	32,236



**SECRET**

James A. LaBarre  
BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
P.O. Box 1404  
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D)</b> (Includes Reference to Provisional and PCT International Applications)		Attorney's Docket No. 032908-008	
<b>FULL NAME OF SOLE OR FIRST INVENTOR</b> Nadim Haddad		<b>SIGNATURE</b> <i>Nadim F. Haddad</i>	<b>DATE</b> 2/15/01
<b>RESIDENCE</b> 2704 Berryland Drive, Oakton, Virginia 22124, United States of America		<b>CITIZENSHIP</b> United States of America	
<b>POST OFFICE ADDRESS</b> 2704 Berryland Drive, Oakton, Virginia 22124, United States of America			
<b>FULL NAME OF SECOND JOINT INVENTOR, IF ANY</b> Frederick Brady		<b>SIGNATURE</b> <i>Frederick T. Brady</i>	<b>DATE</b> 2/7/01
<b>RESIDENCE</b> 1702 Fox Tree Lane, San Antonio, Texas 78248, United States of America		<b>CITIZENSHIP</b> United States of America	
<b>POST OFFICE ADDRESS</b> 1702 Fox Tree Lane, San Antonio, Texas 78248, United States of America			
<b>FULL NAME OF THIRD JOINT INVENTOR, IF ANY</b> Jonathon Melmon		<b>SIGNATURE</b>	<b>DATE</b>
<b>RESIDENCE</b> 7867 Sly Fox Lane, Manassas, Virginia 20110, United States of America		<b>CITIZENSHIP</b> United States of America	
<b>POST OFFICE ADDRESS</b> 7867 Sly Fox Lane, Manassas, Virginia 20110, United States of America			
<b>FULL NAME OF FOURTH JOINT INVENTOR, IF ANY</b>		<b>SIGNATURE</b>	<b>DATE</b>
<b>RESIDENCE</b>		<b>CITIZENSHIP</b>	
<b>POST OFFICE ADDRESS</b>			
<b>FULL NAME OF FIFTH JOINT INVENTOR, IF ANY</b>		<b>SIGNATURE</b>	<b>DATE</b>
<b>RESIDENCE</b>		<b>CITIZENSHIP</b>	
<b>POST OFFICE ADDRESS</b>			
<b>FULL NAME OF SIXTH JOINT INVENTOR, IF ANY</b>		<b>SIGNATURE</b>	<b>DATE</b>
<b>RESIDENCE</b>		<b>CITIZENSHIP</b>	
<b>POST OFFICE ADDRESS</b>			
<b>FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY</b>		<b>SIGNATURE</b>	<b>DATE</b>
<b>RESIDENCE</b>		<b>CITIZENSHIP</b>	
<b>POST OFFICE ADDRESS</b>			
<b>FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY</b>		<b>SIGNATURE</b>	<b>DATE</b>
<b>RESIDENCE</b>		<b>CITIZENSHIP</b>	
<b>POST OFFICE ADDRESS</b>			

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D) (Includes References to Provisional and PCT International Applications)		Attorney's Docket No. 032908-008
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FULL NAME OF SOLE OR FIRST INVENTOR	SIGNATURE <i>Nadine F. Haddad</i>	DATE 2/15/01
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RESIDENCE Nadine Haddad	CITIZENSHIP United States of America
POST OFFICE ADDRESS 2704 Richmond Drive, Oakton, Virginia 22124, United States of America	

FULL NAME OF SECOND JOINT INVENTOR, IF ANY	SIGNATURE <i>Frederick Brady</i>	DATE 2/7/01
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RESIDENCE Frederick Brady	CITIZENSHIP United States of America
POST OFFICE ADDRESS 1702 Fox Tree Lane, San Antonio, Texas 78248, United States of America	

FULL NAME OF THIRD JOINT INVENTOR, IF ANY	SIGNATURE <i>Jonathan Malinos</i>	DATE 2/15/01
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RESIDENCE Jonathan Malinos	CITIZENSHIP United States of America
POST OFFICE ADDRESS 2857 Sly Fox Lane, Manassas, Virginia 20110, United States of America	

FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
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RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
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RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
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RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
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RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
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RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	